## **AMENDMENTS TO THE CLAIMS:**

The following listing of claims will replace all prior versions and listings of claims in the application.

## Claims 1-18 (canceled)

Claim 19 (currently amended): An oxathiincarboxamide of formula (I)

$$G^{3} \xrightarrow{\text{(O)}_{n}} O \xrightarrow{\text{R}^{1}} \overset{\text{R}^{2}}{\underset{\text{I}}{\bigvee}} R^{3}$$

$$G^{2} \xrightarrow{\text{O}} G^{1} \overset{\text{R}^{5}}{\underset{\text{R}^{5}}{\bigvee}} Z$$

$$(I),$$

in which

G<sup>1</sup> represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl, G<sup>2</sup> and G<sup>3</sup> independently of one another represent hydrogen or methyl, n represents 0, 1 or 2,

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,

represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl or (C<sub>1</sub>-C<sub>3</sub>-haloalkoxy)-carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>6</sup>, -CONR<sup>7</sup>R<sup>8</sup>, or -CH<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>,

- represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>11</sup>,
- R<sup>7</sup> and R<sup>8</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represent C<sub>1</sub>-C<sub>8</sub>-haloalkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R<sup>7</sup> and R<sup>8</sup> together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR<sup>12</sup> and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C<sub>1</sub>-C<sub>4</sub>-alkyl,
- $R^9$  and  $R^{10}$  independently of one another represent hydrogen,  $C_1$ - $C_8$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; or represent  $C_1$ - $C_8$ -haloalkyl,  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^{12}$  and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl,
- R<sup>11</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,
- R<sup>12</sup> represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl, and
- Z represents  $[[Z^1,]]$   $Z^2$ ,  $Z^3$ , or  $Z^4$ , where
  - Z<sup>1</sup> represents phenyl that is optionally mono- to pentasubstituted by identical or different substituents,
  - z<sup>2</sup> represents cycloalkyl or bicycloalkyl <u>having in each case 3 to 10 carbon</u>
    <u>atoms, that each of which radicals</u> is optionally mono- <del>or poly-</del>

- substituted to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and C<sub>1</sub>-C<sub>4</sub>-alkyl,
- represents unsubstituted C<sub>2</sub>-C<sub>20</sub>-alkyl or represents C<sub>1</sub>-C<sub>20</sub>-alkyl that is mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl in which the cycloalkyl moiety is optionally mono-or polysubstituted to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and fluorine, chlorine, bromine, iodine, C<sub>1</sub>-C<sub>4</sub>-alkyl, and C<sub>1</sub>-C<sub>4</sub>-haloalkyl, and
- Z<sup>4</sup> represents C<sub>2</sub>-C<sub>20</sub>-alkenyl or C<sub>2</sub>-C<sub>20</sub>-alkynyl that are optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, where the cycloalkyl moiety is optionally be mono- or polysubstituted to tetrasubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, C<sub>1</sub>-C<sub>4</sub>-alkyl, and C<sub>1</sub>-C<sub>4</sub>-haloalkyl, or
- Z and R⁴ together with the carbon atoms to which they are attached form an optionally substituted 5- or 6-membered carbocyclic or heterocyclic ring and R¹, R², and R³ independently of one another represent hydrogen or fluorine.

Claim 20 (previously presented): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which

G<sup>1</sup> represents fluorine, chlorine, bromine, iodine, trifluoromethyl, difluoromethyl, or cyclopropyl,

G<sup>2</sup> and G<sup>3</sup> independently of one another represent hydrogen, or methyl, and n represents 0 or 2.

Claim 21 (previously presented): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which R<sup>5</sup> represents hydrogen.

Claim 22 (previously presented): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which

R<sup>1</sup> represents hydrogen, fluorine, chlorine, or methyl, CS8582 - 4 -

R<sup>2</sup> represents hydrogen, fluorine, chlorine, isopropyl, or methylthio,

R<sup>3</sup> represents hydrogen, fluorine, chlorine, or methyl, and

R<sup>4</sup> represents hydrogen, fluorine, chlorine, or methyl.

# Claims 23-26 (canceled)

Claim 27 (currently amended): A process for preparing a oxathiincarboxamide of formula (I) as claimed in Claim 19 comprising

(a) reacting an oxathiincarboxylic acid derivative of formula (II)

$$G^{3} \xrightarrow{(O)_{n}} O \xrightarrow{O} X^{1}$$
 (II)

in which

G<sup>1</sup>, G<sup>2</sup>, G<sup>3</sup> and n are as defined for formula (I) in Claim 19,

X<sup>1</sup> represents halogen or hydroxyl,

with an aniline derivative of formula (III)

in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ , and Z are as defined for formula (I) in Claim 19,

optionally in the presence of a catalyst, optionally in the presence of a condensing agent, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

(b) reacting a halooxathiincarboxamide of formula (IV)

$$\begin{array}{c|c}
 & (O)_n & O \\
\hline
G^3 & S \\
G^2 & O \\
G^1 & R^5 & X^2
\end{array}$$
(IV)

in which

G<sup>1</sup>, G<sup>2</sup>, G<sup>3</sup>, n, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are as defined for formula (I) in Claim 19, and

X<sup>2</sup> represents bromine or iodine.

with a boronic acid derivative of formula (V)

$$\frac{A^{1}-O-B-O-A^{2}}{Z^{1}}$$

in which

Z<sup>1</sup> is as defined for formula (I) in Claim-19, and

A<sup>4</sup> and A<sup>2</sup> each represent hydrogen or together represent tetramethylether,

in the presence of a catalyst, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

(c) reacting an exathiincarboxamide-boronic acid derivative of formula (VI)

$$G^3$$
 $G^3$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^4$ 

in which

G<sup>1</sup>, G<sup>2</sup>, G<sup>3</sup>, n, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are as defined for formula (I) in Claim 19, and

A<sup>3</sup>-and A<sup>4</sup>-each represent hydrogen or together represent tetramethylethylene,

with a phenyl derivative of formula (VII)

$$\frac{X^3-Z^1}{}$$
 (VII)

in which

Z<sup>1</sup> is as defined for formula (I) in Claim 19, and

X<sup>3</sup>—represents chlorine, bromine, iodine, or trifluoromethylsulfonate, in the presence of a catalyst, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

(d) reacting a halooxathiincarboxamide of formula (IV)

$$\begin{array}{c|c}
 & & & & & & \\
\hline
 & & & & & \\
\hline
 & & & & & \\
\hline
 & & & & & & \\
\hline$$

in-which

G<sup>1</sup>, G<sup>2</sup>, G<sup>3</sup>, n, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup>-are as defined for formula (I) in Claim 19, and

X<sup>2</sup> represents bromine or iodine,

with a phenyl derivative of formula (VII)

$$X^3 = Z^1$$
 (VII)

in which

Z<sup>1</sup> is as defined for formula (I) in Claim 19, and

X<sup>3</sup>—represents chlorine, bromine, iodine, or trifluoromethylsulfonate, in the presence of a palladium or nickel catalyst and in the presence of 4,4,4',4',5,5,5',5'-octamethyl-2,2'-bis-1,3,2-dioxaborolane, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or (e) (b) hydrogenating an oxathiincarboxamide of formula (la)

$$G^{3} \xrightarrow{S} G^{1} \xrightarrow{R^{5}} X^{4}$$

$$(Ia),$$

in which

 $G^1$ ,  $G^2$ ,  $G^3$ , n,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , and  $R^5$  are as defined for formula (I) in Claim 19, and

X<sup>4</sup> represents C<sub>2</sub>-C<sub>20</sub>-alkenyl or C<sub>2</sub>-C<sub>20</sub>-alkynyl, each of which is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, where the cycloalkyl moiety for its part-may is optionally be substituted

mono- to tetrasubstituted by halogen fluorine, chlorine, bromine, iodine, and/or C<sub>1</sub>-C<sub>4</sub>-alkyl,

optionally in the presence of a diluent and optionally in the presence of a catalyst, or

(f) (c) dehydrating a hydroxyalkyloxathiincarboxamide of formula (VIII)

$$G^{3} \xrightarrow{(O)_{n}} G^{R^{1}} \xrightarrow{R^{2}} R^{3}$$

$$G^{2} \xrightarrow{Q} G^{1} \xrightarrow{R^{5}} X^{5}$$

$$(VIII),$$

in which

 $G^1$ ,  $G^2$ ,  $G^3$ , n,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , and  $R^5$  are as defined for formula (I) in Claim 19, and

represents C<sub>2</sub>-C<sub>20</sub>-hydroxyalkyl that is optionally additionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl in which the cycloalkyl moiety is optionally substituted mono- to tetrasubstituted by halogen fluorine, chlorine, bromine, iodine, and/or C<sub>1</sub>-C<sub>4</sub>-alkyl,

optionally in the presence of a diluent and optionally in the presence of an acid, or

(g) (d) reacting a halooxathiincarboxamide of formula (IV)

$$G^{3} \xrightarrow{(O)_{n}} O \xrightarrow{R^{1}} \overset{R^{2}}{\underset{R^{5}}{\bigvee}} R^{3}$$

$$G^{2} \xrightarrow{O} G^{1} \overset{R^{5}}{\underset{R^{5}}{\bigvee}} X^{2}$$

$$(IV)$$

in which

 $G^1$ ,  $G^2$ ,  $G^3$ , n,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , and  $R^5$  are as defined for formula (I) in Claim 19, and

X<sup>2</sup> represents bromine or iodine,

with an alkyne of formula (IX)

$$HC = A^5$$
 (IX),

in which  $A^5$  represents  $C_2$ - $C_{18}$ -alkyl, each of which is optionally monor polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and  $C_3$ - $C_6$ -cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen fluorine, chlorine, bromine, iodine, and/or  $C_1$ - $C_4$ -alkyl,

or with an alkene of the formula (X)

$$A^{6} \xrightarrow{A^{7}} A^{8} \qquad (X),$$

in which A<sup>6</sup>, A<sup>7</sup> and A<sup>8</sup> independently of one another each represent hydrogen or alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl in which the cycloalkyl moiety is optionally substituted mono- to tetrasubstituted by halogen fluorine, chlorine, bromine, iodine, and/or C<sub>1</sub>-C<sub>4</sub>-alkyl and in which the total number of carbon atoms of the open-chain part of the molecule does not exceed the number 20,

optionally in the presence of a diluent, optionally in the presence of an acid binder, and in the presence of one or more catalysts, or

# (h) (e) reacting a ketone of formula (XI)

$$G^{3} \xrightarrow{(O)_{n}} O \xrightarrow{R^{1}} R^{2}$$

$$G^{2} \xrightarrow{O} G^{1} \xrightarrow{R^{5}} O \xrightarrow{A^{9}} A^{9}$$
(XI),

in which

 $G^1$ ,  $G^2$ ,  $G^3$ , n,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , and  $R^5$  are as defined for formula (I) in Claim 19, and

A<sup>9</sup> represents hydrogen or C<sub>1</sub>-C<sub>18</sub>-alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl in which the cycloalkyl moiety is

optionally substituted mono- to tetrasubstituted by halogen fluorine, chlorine, bromine, iodine, and/or C<sub>1</sub>-C<sub>4</sub>-alkyl,

with a phosphorus compound of formula (XII)

$$A^{10}$$
— $P_X$  (XII),

in which

A<sup>10</sup> represents C<sub>1</sub>-C<sub>18</sub>-alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen fluorine, chlorine, bromine, iodine, and C<sub>3</sub>-C<sub>6</sub>-cycloalkyl in which the cycloalkyl moiety is optionally substituted mono- to tetrasubstituted by halogen fluorine, chlorine, bromine, iodine, and/or C<sub>1</sub>-C<sub>4</sub>-alkyl, and

Px represents a grouping -P<sup>+</sup>(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub> Cl<sup>-</sup>, -P<sup>+</sup>(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub> Br<sup>-</sup>, -P<sup>+</sup>(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub> l<sup>-</sup>, -P(=O)(OCH<sub>3</sub>)<sub>3</sub>, or -P(=O)(OC<sub>2</sub>H<sub>5</sub>)<sub>3</sub>,

optionally in the presence of a diluent, or

#### (i) (f) reacting an oxathiincarboxamide of formula (lb)

$$G^3$$
 $G^2$ 
 $G^3$ 
 $G^3$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^3$ 
 $G^4$ 
 $G^5$ 
 $G^6$ 
 $G^7$ 
 $G^7$ 

in which G<sup>1</sup>, G<sup>2</sup>, G<sup>3</sup>, n, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and Z are as defined for formula (I) in Claim 19,

with a halide of formula (XIII)

$$R^{5-1} X^6$$
 (XIII)

in which

R<sup>5-1</sup> represents  $C_1$ - $C_8$ -alkyl,  $C_1$ - $C_6$ -alkylsulfinyl,  $C_1$ - $C_6$ -alkylsulfonyl,  $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; represents  $C_1$ - $C_6$ -haloalkyl,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulfinyl,  $C_1$ - $C_4$ -haloalkylsulfonyl, halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl- $C_1$ - $C_3$ -alkyl, ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl, or ( $C_1$ - $C_3$ -alkoxy)carbonyl- $C_1$ - $C_3$ -alkyl; represents ( $C_1$ - $C_3$ -haloalkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or ( $C_1$ - $C_3$ -alkyl)

haloalkoxy)carbonyl- $C_1$ - $C_3$ -alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -haloalkyl or ( $C_1$ - $C_3$ -alkoxy)carbonyl- $C_1$ - $C_3$ -haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents ( $C_1$ - $C_3$ -haloalkyl)carbonyl- $C_1$ - $C_3$ -haloalkyl or ( $C_1$ - $C_3$ -haloalkoxy)carbonyl- $C_1$ - $C_3$ -haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents - $COR^6$ , - $CONR^7R^8$  or - $CH_2NR^9R^{10}$  in which  $R^6$ ,  $R^7$ ,  $R^8$ ,  $R^9$  and  $R^{10}$  are as defined for formula (I) in Claim 19, and represents chlorine, bromine or iodine,

in the presence of a base and in the presence of a diluent.

Claim 28 (previously presented): A composition for controlling unwanted microorganisms comprising one or more oxathiincarboxamides of formula (I) as claimed in Claim 19 and one or more extenders and/or surfactants.

Claim 29 (withdrawn): A method for controlling unwanted microorganisms comprising applying one or more oxathiincarboxamides of formula (I) as claimed in Claim 19 to the microorganisms and/or their habitat.

Claims 30-31 (canceled)

 $X^6$ 

Claim 32 (previously presented): An oxathiincarboxamideboronic acid derivative of formula (VI)

$$G^{3}$$
 $G^{2}$ 
 $G^{1}$ 
 $G^{1}$ 
 $G^{2}$ 
 $G^{2}$ 
 $G^{3}$ 
 $G^{1}$ 
 $G^{2}$ 
 $G^{3}$ 
 $G^{2}$ 
 $G^{3}$ 
 $G^{3}$ 
 $G^{4}$ 
 $G^{5}$ 
 $G^{1}$ 
 $G^{2}$ 
 $G^{3}$ 
 $G^{4}$ 
 $G^{5}$ 
 $G^{5}$ 
 $G^{5}$ 
 $G^{7}$ 
 $G^{7$ 

in which

G<sup>1</sup> represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl, G<sup>2</sup> and G<sup>3</sup> independently of one another represent hydrogen or methyl,

n represents 0, 1 or 2, CS8582

- R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,
- represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl or (C<sub>1</sub>-C<sub>3</sub>-haloalkoxy)-carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl or (C<sub>1</sub>-C<sub>3</sub>-haloalkyl) or (C<sub>1</sub>-C<sub>3</sub>-haloalkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>6</sup>, -CONR<sup>7</sup>R<sup>8</sup>, or -CH<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>,
- R<sup>6</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>11</sup>,
- R<sup>7</sup> and R<sup>8</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represent C<sub>1</sub>-C<sub>8</sub>-haloalkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R<sup>7</sup> and R<sup>8</sup> together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR<sup>12</sup> and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C<sub>1</sub>-C<sub>4</sub>-alkyl,
- R<sup>9</sup> and R<sup>10</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; or represent C<sub>1</sub>-C<sub>8</sub>-haloalkyl, C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R<sup>9</sup> and R<sup>10</sup> together with the nitrogen atom to which they are attached form a saturated hetero-

cycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^{12}$  and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl,

R<sup>11</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R<sup>12</sup> represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl, and A<sup>3</sup> and A<sup>4</sup> each represent hydrogen or together represent tetramethylethylene.

Claim 33 (previously presented): A hydroxyalkyloxathiincarboxamide of formula (VIII)

$$G^{3} \xrightarrow{(O)_{n}} O \xrightarrow{R^{1}} R^{2} \xrightarrow{R^{2}} R^{3}$$

$$G^{2} \xrightarrow{O} G^{1} \xrightarrow{R^{5}} X^{5}$$

$$(VIII),$$

in which

 $G^1$  represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl,  $G^2$  and  $G^3$  independently of one another represent hydrogen or methyl,

n represents 0, 1 or 2,

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,

represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl or (C<sub>1</sub>-C<sub>3</sub>-haloalkoxy)-carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl or (C<sub>1</sub>-C<sub>3</sub>-baloalkyl) or (C<sub>1</sub>-C<sub>3</sub>-baloalkyl)

- alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C<sub>1</sub>-C<sub>3</sub>-haloalkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl or (C<sub>1</sub>-C<sub>3</sub>-haloalkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>6</sup>, -CONR<sup>7</sup>R<sup>8</sup>, or -CH<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>,
- represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR<sup>11</sup>,
- $\mathsf{R}^7$  and  $\mathsf{R}^8$  independently of one another represent hydrogen,  $\mathsf{C}_1\text{-}\mathsf{C}_8\text{-}\text{alkyl}$ ,  $\mathsf{C}_1\text{-}\mathsf{C}_4\text{-}$  alkoxy- $\mathsf{C}_1\text{-}\mathsf{C}_4\text{-}$ alkyl, or  $\mathsf{C}_3\text{-}\mathsf{C}_8\text{-}\text{cycloalkyl}$ ; represent  $\mathsf{C}_1\text{-}\mathsf{C}_8\text{-}\text{haloalkyl}$ , halo- $\mathsf{C}_1\text{-}\mathsf{C}_4\text{-}$  alkoxy- $\mathsf{C}_1\text{-}\mathsf{C}_4\text{-}$ alkyl, or  $\mathsf{C}_3\text{-}\mathsf{C}_8\text{-}\text{halocycloalkyl}$  having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $\mathsf{R}^7$  and  $\mathsf{R}^8$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $\mathsf{NR}^{12}$  and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $\mathsf{C}_1\text{-}\mathsf{C}_4\text{-}\text{alkyl}$ ,
- $R^9$  and  $R^{10}$  independently of one another represent hydrogen,  $C_1$ - $C_8$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; or represent  $C_1$ - $C_8$ -haloalkyl,  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^{12}$  and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl,
- R<sup>11</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,
- R<sup>12</sup> represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl, and

 $X^5$  represents  $C_2$ - $C_{20}$ -hydroxyalkyl that is optionally additionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_3$ - $C_6$ -cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or  $C_1$ - $C_4$ -alkyl.

Claims 34-35 (canceled)

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